MAHARISHI DAYANAND UNIVERSITY

Logo

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*Delhi Global Institute of Technology*

Advanced Java Lab

*Submitted By: Bazgha Razi*

*Subject Code* : LC-CSE-328G

*Subject Name* : Advanced Java Lab

*Registration Number* : *191380214*

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| 2. | Print Series  1  2 3  4 5 6  7 8 9 10 | 19/04/22 |  |
| 3. | Print Series  1  1 2  1 2 3  1 2 3 4 | 26/04/22 |  |
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**Name:** Bazgha Razi

**Registration Number:** 191380214

**Program 1:** Print “Hello” message using java.

**Code:**

class Class {

public static void main(String[] args) {

System.out.println("Hello");

}

}

**Output:**

Text

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**Program 2:** Print Series

1

2 3

4 5 6

7 8 9 10

**Code:**

class HelloWorld {

public static void main(String[] args) {

int rows = 4;

int count =1;

for (int i = 1; i <= rows; i++) {

for (int j = 1; j <= i; j++) {

System.out.print(count+"\t");

count++; }

System.out.println(); }

}

}

**Output:**

**Graphical user interface, text, application

Description automatically generated**

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**Program 3:** Print Series

1

1 2

1 2 3

1 2 3 4

**Code:**

class HelloWorld {

public static void main(String[] args) {

int rows = 4;

for (int i = 1; i <= rows; i++) {

for (int j = 1; j <= i; j++){

System.out.print(j+" ");

}

System.out.println();

}

}

}

**Output:**

Graphical user interface

Description automatically generated

**Name:** Bazgha Razi

**Registration Number:** 191380214

**Program 4:** Print Series

1

1 2 3

1 2 3 4 5

**Code:**

public class HelloWorld {

public static void main(String[] args) {

for (int i=1; i<=3; i++){

for (int k=1;k<=2-i+1;k++){

System.out.print(" ");

}

int num = 1;

for (int j=1; j<=2\*i-1; j++){

System.out.print(num);

num++;

}

System.out.println(); } }

}

**Output:**

**Graphical user interface

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**Program 5:** Make a calculator for addition, subtraction, multiplication, division and modular operator in JSP.

**Code:**

<html>

<body>

<script>

const operator = prompt('Enter operator to perform the calculation ( either +,-, \* ,% or / ): ');

const number1 = parseFloat(prompt ('Enter the first number: '));

const number2 = parseFloat(prompt ('Enter the second number: '));

let result;

if (operator == '+') {

result = number1 + number2;

}

else if (operator == '-') {

result = number1 - number2;

}

else if (operator == '\*') {

result = number1 \* number2;

}

else if (operator == '%'){

result = number1%number2;

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}

else {

result = number1 / number2;

}

document.write(" Result is " + result);

</script>

<body>

</html>

**Output:**

**Graphical user interface

Description automatically generated**

**Graphical user interface

Description automatically generated with low confidence**

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**Graphical user interface

Description automatically generated with low confidence**

**A picture containing text

Description automatically generated**

**Program 6:** In JSP take input from user and find out whether it is odd or even.

**Code:**

<html>

<body>

<script>

function oddEven(number){

if(number%2==0){

return("The number is Even");

}

else{

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return("The number is Odd");

}

}

</script>

<script>

var n = parseInt(prompt("Enter the number"));

var ans = oddEven(n);

document.write(ans);

</script>

</body>

</html>

**Output:**

**Graphical user interface

Description automatically generated with low confidence**

**Text

Description automatically generated with medium confidence**

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**Program 7:** Calculate electricity bill when number of unitsconsumed is given.

**Code:**

<html>

<body>

<script>

function calculateBill(units)

{

if (units <= 100)

{

return units \* 10;

}

else if (units <= 200)

{

return (100 \* 10)+ (units - 100)\* 15;

}

else if (units <= 300)

{

return (100 \* 10)+ (100 \* 15)+ (units - 200)\* 20;

}

else if (units > 300)

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{

return (100 \* 10)+ (100 \* 15)+ (100 \* 20)+ (units - 300)\* 25;

}

return 0;

}

</script>

<script>

var units = parseInt(prompt("Enter the number of units: "));

document.write("Total Electricity Bill: ");

document.write(calculateBill(units));

</script>

<body>

</html>

**Output:**

**Graphical user interface

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**Text

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**Program 8:** Take a number from user, find out whether it is Armstrong number or not.

**Code:**

<html>

<body>

<script>

function Armstrong(number)

{

var original,remainder,res = 0;

original = number;

while(number > 0)

{

remainder = number%10;

**Name:** Bazgha Razi

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res = res + remainder\*remainder\*remainder;

number = parseInt(number/10);

}

if(res == original)

{

return("The number is Armstrong");

}

else

{

return("The number is not Armstrong");

}

}

</script>

<script>

var n = parseInt(prompt("Enter the number"));

var ans = Armstrong(n);

document.write(ans);

</script>

</body>

</html>

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**Output:**

**Graphical user interface

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**A picture containing text

Description automatically generated**

**Program 9:** Take a number from user and find out whether it is palindrome or not.

**Code:**

<html>

<body>

<script>

function validatePalin(str) {

const len = string.length;

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for (let i = 0; i < len / 2; i++) {

if (string[i] !== string[len - 1 - i]) {

return( str+' is not a palindrome');

}

}

return( str+' is a palindrome');

}

</script>

<script>

const string = prompt('Enter a String or Number ');

const ans = validatePalin(string);

document.write(ans);

</script>

</body>

</html>

**Output:**

**Graphical user interface

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**Text

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**Program 10:** In JSP, make your resume including html tags also.

**Code:**

<html>

<head><title>My CV </title></head>

<body>

<h1><b> Bazgha Razi </b></h1>

<address style="color:black;">bs0019@gmail.com</address>

<h2 style="color:blue;">PROFILe</h2>

I am currently pursuing B Tech 3rd year in computer science and engineering.

<br> I am currently looking for an internship opportunity that allows me to grow my skills alongside.<br>

<hr>

<h2 style="color:blue;">EDUCATION AND QUALIIFICATIONS</h2>

**Name:** Bazgha Razi

**Registration Number:** 191380214

<table border="2" cellspacing="5" cellpadding="5" >

<tr>

<th>Qualification</th>

<th>Obtained Marks/GPA</th>

<th>College/School Name</th>

<th>Bord/University</th>

</tr

<tr>

<td>10th</td>

<td>9.2</td>

<td>Kendriya Vidyalaya</td>

<td>CBSE</td>

</tr>

<tr>

<td>12th</td>

<td>64%</td>

<td>Kendriya Vidyalaya</td>

<td>CBSE </td>

</tr>

<tr>

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<td>B.Tech(CSE) in progress</td>

<td>8.53</td>

<td>Delhi Global Institute of Technology</td>

<td>MDU</td>

</tr>

</table>

<hr>

<h2 style="color:blue;">TECHNICAL EXPERIENCE:</h2>

Languages: Python, Java, HTML,CSS, JavaScript <br>

Frameworks/ Libraries: Flask, Bootstrap, jQuery<br>

Databases/ Tools: SQL, MongoDB, Git & Github, Command Line

<hr>

<h2 style="color:blue;">PROJECTS</h2>

<strong style = "color:black;"> Flopan:</strong> An extension used for research purpose. It uses picture in picture concept.<br>

<strong style= "color:black;">Dhirati Education's App:</strong> An E-Learning app using Flutter and Dart.<br>

<strong style= "color:black;">Password Checker: </strong>It basically helps you to check that how many times your password was hacked before, so that you can change your password according to the information.<br>

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<strong style = "color:black">Secrets:</strong> It's a website similar to whisper app. In this, I have learned authentication.

<hr>

<h2 style="color:blue;">INTERNSHIP</h2>

1.App Developer at Dhirati Education.

<br>

2.Social Media Marketing intern at Fantastiqo.<br>

<hr>

<h2 style="color:blue;">COMMUNITY</h2>

Microsoft Student Ambassador

</body>

</html>

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**Output:**

**Text

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